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Amend #
1 Robinson
PATENT
4/4/03

09/164,216

Response to Office Action Mailed December 17, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Ronald Pasqualini

Appln. No.: 09/164,216

Filed: September 30, 1998

For: ESD PROTECTION CIRCUIT UTILIZING
FLOATING LATERAL CLAMP DIODES

Group Art Unit: 2811

Examiner: O. Nadav

RESPONSE TO OFFICE ACTION MAILED
DECEMBER 17, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the
~~United States Postal Service, postage prepaid, in an envelope,~~

addressed to Box _____ Commissioner for Patents,
Washington D.C. 20231-9999 on March 17, 2003

Dated: 3-17-03 By: M. C. Ant

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the office action mailed on December 17, 2002, please amend the
above-identified application as follows:

In the Claims

The claims have been amended to read as follows:

15. (Seventh Amendment) A semiconductor chip having a substrate of a
first conductivity type, the chip comprising:
a plurality of pads;
an electrostatic discharge (ESD) negative ring;
a plurality of ESD positive lines, the plurality of positive lines not being electrically
connected to each other, none of the positive lines being directly connected to a pad;
a plurality of ESD switches connected to the ESD positive lines and the ESD negative
ring so that each ESD switch is connected to a positive line and the ESD negative ring;
a plurality of first diodes connected to the pads so that each first diode is connected to
a pad and the negative ring; and

Atty. Docket No. 100-11503 (P03921-C3)

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02 FD:1202

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